## WHAT IS CLAIMED IS:

- 1. A biochip-producing solution comprising a first solution containing a biopolymer and a second solution having a different specific gravity from that of the first solution so that the second solution is not mixed with the first solution.
- 2. A biochip-producing solution comprising a first solution containing a biopolymer and a second solution having a specific gravity lower than that of the first solution so that the second solution is not mixed with the first solution.
- 3. A biochip-producing solution comprising a first solution containing a biopolymer, a second solution having a specific gravity lower than that of the first solution so that the second solution is not mixed with the first solution, and a third solution having a specific gravity higher than that of the first solution so that the third solution is not mixed with the first solution.
- 4. A process for producing a biochip, comprising: putting a biochip-producing solution containing a biopolymer into an inkjet device; and injecting the biochip-producing solution from the inkjet device to a substrate to immobilize a spot of the biopolymer on the substrate, wherein the biochip-producing solution is the solution according to any one of claims 1 to 3.